

REMARKS

Claims 1-22 are originally issued claims from US Patent No. 6,321,793. Upon acceptance of the reissue application, claims 1, 17, 18 and 22 will hereby be amended and claims 23-44 will be added. The Applicants believe that the newly submitted claims are generally of the same scope to that of the originally issued claims. Furthermore, for the Examiners convenience, the applicant has included the claim chart below to demonstrate an antecedent basis for the new claims. Claims 1-44 will now be pending in the reissue application. The basis for this amendment is to claim subject matter which the applicant had the right to claim in the original patent.

New Claims	Support
23. The method of claim 1, wherein the flexible barrier includes perforations to allow a small portion of the reinforcement material to flow onto an exterior surface of the flexible barrier.	Column 6, lines 60-67
24. The method of claim 1, wherein the flexible barrier comprises a structural adhesive.	Column 2, lines 65-67
25. The method of claim 1, wherein the flexible barrier has an integrated neck portion.	Column 2, lines 58-61
26. The method of claim 25, wherein the neck portion has an end portion for coupling the flexible barrier to a fluid pumping system for filling the interior of the flexible bag.	Column 2, lines 58-61
27. The method of claim 1, wherein the flexible barrier has end portions joined by a center portion.	Column 3, lines 1-5
28. The method of claim 1, wherein the flexible barrier comprises two opposing movable end portions supported by a rod.	Column 3, lines 18-23
29. The method of claim 1, further comprising securing the flexible barrier member in position by securing a neck portion of the flexible barrier member to an adjacent surface defining an opening in the frame structure with an adhesive.	Column 6, lines 51-54
30. The method of claim 1, wherein the flexible barrier is coated with an adhesive material.	Column 6, line 55-59
31. The method of claim 1, wherein the flexible barrier includes an integrally formed neck as part of an end portion of the flexible barrier.	Fig. 3; column 6, lines 21-24
32. The method of claim 31, wherein the neck portion extends directionally along the length of the frame.	Fig. 3; column 6, lines 16-24
33. The method of claim 1, wherein, during the filling step, the thermally activated expandable polymeric reinforcement material is a liquid, and upon curing becomes a thermoset material.	Column 4, lines 1-9
34. The method of claim 1, wherein, prior to curing, the thermally activated expandable polymeric reinforcement material is a pellet, and	Column 4, lines 1-9

upon curing becomes a thermoset material.	
35. The method of claim 1, wherein the flexible barrier member includes two single flexible sheets spaced a distance apart.	Column 3, lines 24-28
36. A method of reinforcing a portion of an automobile frame during initial assembly of an automobile, the method comprising: collapsing side walls of a flexible barrier; inserting the flexible barrier into a hollow center portion of an automobile frame during initial assembly of the automobile; inflating the flexible barrier; and introducing reinforcement material into the flexible barrier wherein the reinforcement material substantially assists in increasing the strength and stiffness of the automobile frame.	Column 3, lines 50-53 Column 5, lines 41-47 and column 3, lines 50-53 Original claims 3, 5, 6 and 10; Fig. 7 Column 3, lines 35-39 and column 4, lines 57-59
37. The method of claim 36, wherein the reinforcement material is a thermally activated expandable polymeric reinforcement material and the method further comprises a step of curing the thermally activated expandable polymeric reinforcement material to form a structural foam.	Column 4, lines 30-32, column 2, lines 31-44
38. A method of reinforcing at least a portion of a hollow cavity, the method comprising: inserting a flexible barrier member within a cavity of a structure for dividing the cavity into one or more sections, the flexible member including two movable end portions supported by a rod; and filling one or more sections of the cavity with a pellet reinforcement material; and curing the pellet reinforcement material to cause the movable end portions to slide along the rod in opposite directions, wherein the reinforcement material substantially assists in increasing the strength and stiffness of the structure.	Fig. 4 and 5; column 6, lines 36-50 and column 5, lines 17-27
39. A method of reinforcing at least a portion of a hollow cavity, the method comprising: inserting a flexible barrier member into a cavity of a structure from an open end of the structure filling one or more sections of the cavity with a thermally activated expandable polymeric reinforcement material; and activating the thermally activated expandable polymeric reinforcement material to fill the cavity, wherein the reinforcement material substantially assists in increasing the strength and stiffness of the structure.	Fig. 3; Column 6, lines 16-35
40. The method of claim 39, wherein the filling step includes pumping thermally activated expandable polymeric reinforcement material into a neck portion of the flexible member that extends in the longitudinal direction of the structure.	Fig. 3; Column 6, lines 16-24

41. The method of claim 40, further comprising inflating the flexible barrier member with a fluid under pressure.	Column 6, lines 28-32
42. The method of claim 41, wherein the fluid under pressure is introduced through another neck portion of the flexible barrier.	Fig. 3, lines 32-35
43. A method of reinforcing at least a portion of a hollow cavity, the method comprising: inserting a flexible barrier member into a cavity of a structure, the flexible barrier member including two end portions joined together by a center portion and defining a volume between the end portions and about the center portion; filling the volume with a thermally activated expandable polymeric reinforcement material; and activating the thermally activated expandable polymeric reinforcement material to fill the volume with the reinforcement material, wherein the reinforcement material substantially assists in increasing the strength and stiffness of the structure.	Fig. 1 and 3; column 5, lines 36-67
44. The method of claim 40, wherein the activating step includes exposing the reinforcement material to a temperature ranging from approximately 93° C to approximately 204° C for activating expansion of the reinforcement material and forming a structural foam, and wherein upon expansion the structural foam reinforcement material substantially assists in increasing the strength and stiffness of an automobile frame structure.	Column 4, lines 43-67

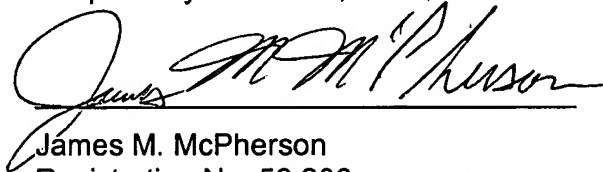
C nclusions

In view of Applicant's amendments to the original application and remarks, applicant submits that claims 1-44 of the present reissue application are in condition for allowance and requests that the Examiner pass the case to issue at the earliest convenience. Should the Examiner have any question or wish to further discuss this application, Applicant requests that the Examiner contact the undersigned attorney at (248) 593-9900.

If for some reason Applicants have not requested a sufficient extension and/or have not paid a sufficient fee for this response and/or for the extension necessary to prevent the abandonment of this application, please consider this as a request for an extension for the required time period and/or authorization to charge our Deposit Account No. 50-1097 for any fee which may be due.

Respectfully submitted,

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